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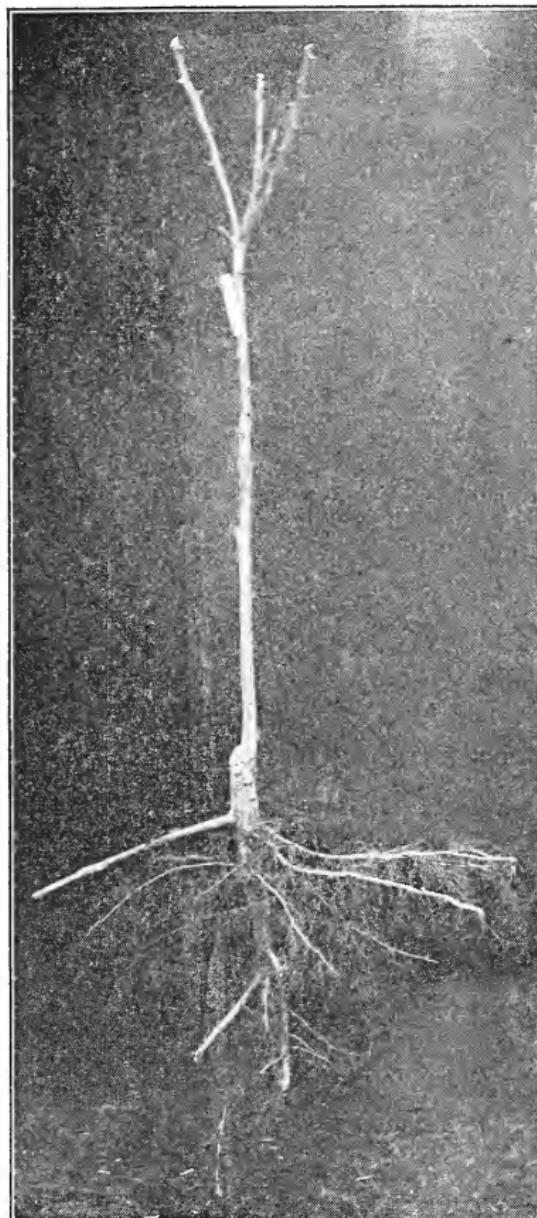
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WINTER PRICE LIST

SEASON, 1921-22 FEB 24 1923

U.S. Department of Agriculture

The Rio Grande Horticultural Association

Eltweed Pomeroy President
Dorri, Texas

PALMS
EVERGREENS
SHADE AND
FLOWERING
TREES AND
SHRUBS
FLOWERS
GRASSES
VINES
BERRIES
FRUITS
HARDY
SEMI-HARDY
TENDER
CITRUS

What a Good $\frac{5}{8}$ -inch Trees Is.

BIG DROP IN PRICES

First-Class, Selected Buds
Three Year Root, One Year Top, $\frac{5}{8}$ to $\frac{3}{4}$ Inch
Caliper, Bare Root.

ORANGE GRAPE FRUIT OR LEMON TREES

\$125.00 PER 100—FEB. AND MARCH DELIVERY
\$150.00 PER 100—BALLED, HOME-GROWN



PAPAYA TREE AT LA GRANJA

Few know the great variety of semi-tropical fruit can be grown here.

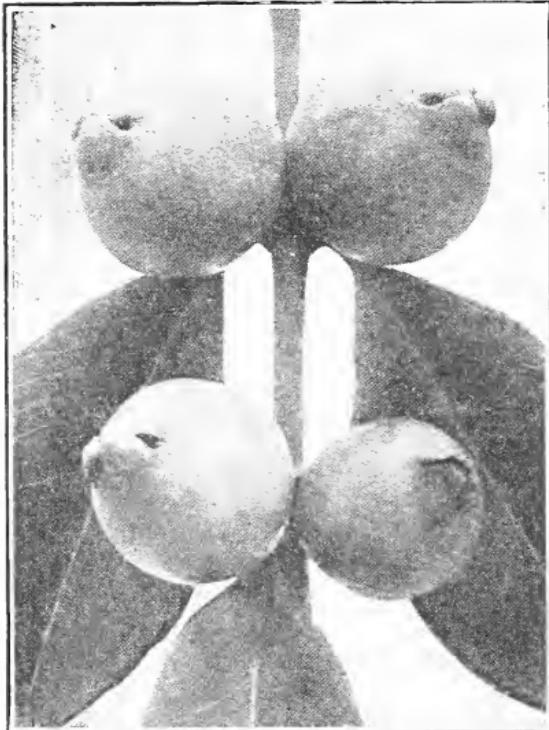
The Papaya is the melon grown on a tree. When dead ripe and on ice over night it is delicious. \$1.00 each.

Avacados — Promising to be very profitable.

Jujubes—The Chinese Date. Delicious when dried.

CARISSAS—Small round jelly fruit on a charming shrub.

Feijoas — Flavor between a Pineapple and Raspberry.



GUAVAS

Contains more pectin than any other plant.

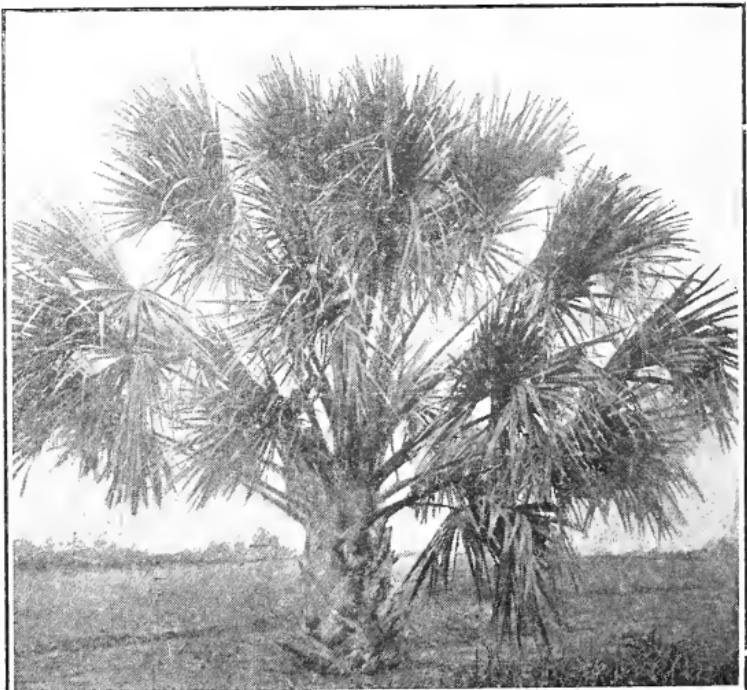
Its jelly is delicious.

We shipped several hundred crates last season.

Large Plants
\$1.50 each

**OUR
KINGSVILLE
NURSERY
CONTAINS
OVER
10,000**

PALMS



PALMS OF ALL KINDS

CITRUS TREES

QUALITY Anyone with a little experience and common sense, can judge the physical qualities of a tree, whether it is alive, has a good root system, a strong trunk and proper heading; but until it bears, no one can tell whether it is going to bear large crops of fine fruit. You must rely on your nurseryman for that.

Our Mr. Pomeroy has visited California and Florida repeatedly going to nurseries and groves, talking with orchardists and experts. There are some people he will buy from because he feels, after knowing how they grow trees, that they can be relied on; there are others he will not buy from. We can give you the record of every tree on this place.

RECORD-PEDIGREE TREES We brought in once, a hundred of these trees and each tree had a tag with number such as 19-39-5 meaning that the bud on that tree was cut from Tree 5 in Row 39, in Block 19 and with these was a record for at least two years of the production from that tree, so many boxes of such a grade of fruit.

We believe that these are the only strictly Record-Pedigreed trees ever brought into the Valley. We do not have any such trees this season. If such trees are offered to you, ask for the record. You get it when you buy a pedigreed cow, pig or horse. It should go with the Record Pedigreed tree and if it is not given, the offerer either does not know his business or is offering something he cannot deliver.

SELECTED BUDDING Four years ago, we published an article on "BUD SELECTION" the first printed in the Valley. It was not then used by all the nurserymen. Time has proved this a great thing. If buds are cut from trees bearing large crops of fine fruit, the trees grown from these buds, will bear large crops of fine fruit. It is worth doing. But to do it, requires an orchard of age in which accurate records of production have been kept, an observant mind, keen eye and careful honesty in the bud-cutter and nursery management. Not every grower of citrus trees has these qualifications even if thoroughly honest. Mr. Pomeroy's many trips to nurseries, wide acquaintance with nurserymen has enabled us to get those intangible qualities in our citrus trees which are so valuable.

BUCKEYE TREES For nearly a decade, we have been the Texas agents of the great BUCKEYE NURSERY of Florida. They started business in 1880, grow nothing but citrus trees, are the largest exclusively citrus nursery in the world. They have shipped over two million citrus trees to California and a half million to Cuba as well as planting out the largest single acreage in Florida. They have and are co-operating with the U. S. Bureau of Plant Industry in experimentation in citrus development. No man or concern can achieve such a standing without having grown trees of the highest quality. They have practised bud selection for years. They are the owners and disseminators of the wonderful Temple Orange.

FLORIDA TREES VS. OTHERS The Buckeye Trees are grown in sand with a sub-soil 18 inches to 2 feet down. There is first a seed selection for the root stock as sour orange and rough lemon seed is only taken from where there are no other citrus trees to hybridize the seed, then the seed is only taken from fruit from vigorous trees, then when they germinate, the runts are pulled up and thrown away ensuring vigor in the root. These are budded from selected trees bearing large crops of fine fruit. Florida has a rain nearly every day from June 1st to Fall. During this time, these young trees are fertilized about every two weeks, they are cultivated every ten days, hoed in between and a man goes to each tree to disbud and tie up every week. Constant personal service to each tree, gets beautiful trees. Then this constant rain-fall, fertilizing, cultivating, keeps a continuous growth so that the young tree gets the habit of growth. Moreover the comparative shallowness of the soil and its barrenness along with the continuous small fertilization spread around the growing tree, makes it develop a mass of fibrous feeding roots, not found in trees grown here or in California. Because of the shallowness of the soil, it quickly gets cold in November and early December and the tree becomes dormant. These soil conditions, climate conditions, fertilizing conditions are not naturally combined in either California or here so that the same kind of trees cannot be grown outside of Florida. Hence no Valley grower of citrus trees can satisfactorily transplant his trees with bare roots. Moreover it is much better to start any plant growing in a poor soil such as Florida sand and transplant it into a rich soil such as ours. Hence trees are better adapted to growing here

than California trees or local grown trees. But there is so much in the personal factor that we would rather have trees from a careful, accurate, observant, honest concern no matter where grown than from a second rate one even in Florida. And this care given the Buckeye trees, makes them specially suited to our local conditions.

PRICE Quality first but price is a big factor. In 1914, there were over five million nursery citrus trees in Florida. It takes at least three years to grow a good citrus tree. By 1918, this stock had fallen to not over three million and costs had risen so that prices rose. Stocks have increased but nowhere near to normal. Costs have gone down but not proportionately. But by not contracting ahead we are now able to offer you strictly first class trees at nearly pre-war prices, and next year, we hope to get them still lower.

ROOTS Sour or wild orange and rough or wild lemon are the two roots used in Florida and an increasing amount of the rough lemon roots are being planted. In some localities nothing else is used. It gives a better growth, earlier fruitage, withstands drought and neglect better and the fruit has a fine if not finer flavor and the trees withstand cold as well. Half of the front of La Granja is planted with rough lemon roots and many are now fruiting heavily and the experience bears this out. I advise rough lemon for sandy soils but will give either.

HOME-GROWN TREES We have ten to fifteen thousand trees growing at La Granja and they are in fine condition. These will all be sold with a ball of dirt around the roots and prices made accordingly. They can be planted later than the bare root trees.

PRICES ON IMPORTED TREES With bare roots and packed in sphagnum moss.

Height	Caliper	Each	Dozen	Per 100
3 ft.—4 ft.	½ in.—⅓ in.	\$1.35	\$13.50	\$100.00
4 ft.—5 ft.	⅓ in.—⅔ in.	1.75	18.00	125.00
5 ft.—7 in.	⅔ in.—⅔ in.	2.75	27.00	200.00
1 Yr.	1 in. and up	3.25	36.00	250.00

Do not usually carry so small a size as 3-4 ft.

PRICES ON HOME-GROWN, BALLED TREES

Height	Caliper	Each	Dozen	Per 100
4 ft.—5 ft.	⅓ in.—⅔ in.	\$2.00	\$21.00	\$150.00
2 Yr.	1 in. and up	3.00	39.00	275.00

VARIETIES ORANGES Parson Brown (Early), Pineapple (Mid-season), Valencia Late, Rue Gim Gong (Late), Tangerine, Navel Washington.

GRAPE-FRUIT Walters, (Early) Marsh Seedless (Mid-season), Inman Late.

LEMONS Eureka, Lisbon, Villa Franca (Almost same).

SPECIAL TREES TEMPLE The most wonderful and profitable orange grown. Combination of Tangerine and Pineapple orange with the skin, color and juiciness of the Tangerine and the size and sweetness of the Pineapple Orange and ripening in February. One planting of four thousand acres is being made in Florida. Only sold under contract that no buds shall be cut for propagating for twenty-five years. Trees ready for delivery about February 15th and should be planted before end of March. \$4.00 each, \$42.00 doz., \$325.00 pr. 100.

KING MANDARIN ORANGE \$2.75 each, \$27.00 doz., \$200.00 pr. 100.

FOSTER GRAPE-FRUIT Rose flesh, \$2.75 each, \$27.00 doz., \$200.00 pr. 100.

LIMES TAHITI OR PERSIAN SEEDLESS (Green-fleshed), **THORNLESS**, ⅓ in.—⅔ in., Balled, \$2.50 Each, \$27.00 doz., \$200.00 pr. 100. 1 in. and up, Balled, \$4.00 Each, \$45.00 doz., \$325.00 pr. 100.

PONDEROSA LEMONS Fruit immense, often weighs 3 and 4 lbs. Small Trees, Balled, \$1.00 each, \$10.00 doz. ⅓ in.—⅔ in. Trees, Balled, \$3.00 each, \$30.00 doz.

TANGELOS Cross between grape-fruit and Tangerine orange. ⅓ in.—⅔ in. Trees, bare root, \$2.75 each, \$27.00 doz.

CALAMONDINS The dainty drink fruit from Phillipines. Hardy. Seedlings, small trees, \$1.00 each, \$10.00 dz. Large trees, \$4.50 each, \$45.00 dz.

KUMQUATS Or Kin-kan Orange. A delightful, dwarf citrus tree from Japan, bearing a small orange with aromatic skin and pleasant sub-acid flavor. Good to eat raw, fine in a salad and makes a most toothsome preserve. Tree hardier than other citrus and bears early and is very prolific.

PRICE Small stocky plants, balled, \$2.00 each, \$20.00 dz.

Larger stocky plants, balled, \$2.50 each, \$25.00 dz. 3 to 5 year plants, balled, \$3.50 to \$7.00 each.

SOUR ORANGE SEEDLINGS So you can grow your own trees. A close price cannot now be given on these now but they will not be over \$25.00 pr. 1000 and it may be \$20.00 pr. 1000.

SOUR ORANGE SEED Grow your seedlings from the seed. A close price cannot now be made on this but it will not be over \$35.00 pr. bushel, \$1.50 pr. qt.

FRUIT TREES

For convenience in planning, fruit trees are divided into three classes.

1st TEMPERATE CLIMATE FRUITS These embrace in nuts, the Pecan, Walnut and Macadamia, Grapes, Peaches, Plums, Persimmons, Pomgranates and Strawberries. Descriptions and prices on these can be found in Bulletin No. 3, issued August, 1921, on "WINTER PROTECTION AND FALL PLANTING." As a rule these are better planted in December and January and their planting with bare roots should stop by April 1st. Berries are below.

2nd SEMI-TROPIC BUT HARDY FRUITS These do not need protection against frost if the right varieties are used.

3rd SEMI-TROPIC BUT TENDER FRUITS These will be frozen down by our occasional hard frosts, unless orchard heaters are used. Usually they come up from the roots. But we cannot advise their planting unless heat protection is planned.

Both the last two classes can be planted if balled or boxed nearly the whole year around but of course the best time is in February till May.

Citrus trees are treated as a fourth class by themselves.

BERRIES

Three berries, the blackberry, dewberry and Haupt berry grow splendidly here with reasonable water and if there are dews or rains when pollinating the crop is enormous and quality fine. If it is extremely dry, pollination is imperfect and there is little fruit. I have seen vines absolutely black with fruit.

The blackberry grows erect. The dewberry trails. The Haupt berry is half way between in its habit of growth. The blackberry has a large, firm and when fully ripe, sweet and high flavored fruit. The dewberry is usually just a little smaller, is softer and not so good a shipper but so sweet and rich flavored that most people prefer it. It is also a heavier and surer bearer. The Haupt berry is as large as the blackberry, firm enough to be a good shipper, of fine flavor and an enormous bearer.

PRICES. Black and Dewberry vines, 75c per dozen, \$5.00 per 100.
Haupt Berry vines, \$1.50 per dozen, \$10.00 per 100.

2nd SEMI-TROPIC BUT HARDY FRUITS

AVOCADOES (Persea Americana) Also called Aguacate and Alligator Pear. As yet the Avocado is only a promising experiment; some sort of root disease has attacked many growing well here but in other places they have thrived and if they can be grown here they will be more profitable than citrus trees. The fruit from the size of an egg to that of a small grape-fruit, has a pit in center and an oily flesh eaten with lemon or vinegar or made into a salad. People become very fond of them. With plenty of water, they are of rapid growth and are a beautiful tree. Some varieties are tender but we only sell the hardy varieties.

PRICES 2 ft.—3 ft. trees in can, \$6.00 each, \$60.00 doz.

FIGS (Ficus Carica) Figs are not commercially a success here as in our dry climate they fruit irregularly but a few for home use are good. They make a delicious preserve. If possible plant close to house where the roots will be shaded.

MAGNOLIA A large, handsome, firm-fleshed fig specially suited for preserving.

CELESTE A small blue fig delicious for eating raw or serving with cream and sugar.

PRICES Bare-root trees 2 ft.—3 ft., 50c each, \$5.00 doz.

WHITE ADRIATIC An immense, luscious white fig fruiting in spring.

KADOTA An everbearing white fig large and luscious.

BLACK MISSION The honey-sweet big California black fig.

PRICES 2 ft.—3 ft. trees \$1.00 each, \$10.00 doz.

FRUIT TREES

FEIJOAS (*Feijoa Sellowiana*) A very lovely shrub from Hawaii growing 6 to 8 feet high with ash-green leaves with silvery white backs, a lovely red and lavender blossom in spring and fruit the size of a hen's egg in September. This fruit is aromatic and a Government bulletin says it has the combined flavor of the pineapple, raspberry and banana. Good to eat raw and delicious cooked. Frequently used as a hedge plant and can be sheared.

PRICES Seedlings, field-grown, balled, \$1.00 each, \$10.00 doz.

CHOICEANA budded, balled, \$6.00 each.

JUJUBE or CHINESE DATES (*Zizyphus Jujuba*) Beautiful ornamental tree with bright glossy green, locust-like foliage. Dwarf, hardy and withstands drought and neglect. Has fruited at La Granya for three years. Fruit mahogany brown, one to two inches long, pleasant when eaten fresh but when dried particularly with sugar; delicious and it makes delicious preserves. It is a very important fruit in China from whence it was brought by our Department of Agriculture.

PRICES Growing suckers from trees fruiting at La Granya, \$1.00 each, \$10.00 per dozen.

LOQUAT or MEDLAR or JAPANESE PLUM (*Eriobotrya Japonica*) This is one of the most ornamental dwarf trees we have. It grows in a beautiful rounded shape and has large, evergreen leaves. It is hardy and grows easily. It flowers in December and January and fruit ripens in April and May and needs protection for young fruit.

The budded varieties bear very delicious fruit about the size of a large plum and of delicious sub-acid, aromatic flavor.

PRICES Fine small trees \$1.50 each, \$15.00 per doz.

DATE PALMS, SEE PALMS.

3rd SEMI-TROPIC BUT TENDER FRUITS

GUAVAS (*Psidium Guajava*) A most prolific fruit, even the tropical being of value as they sprout after being cut down by a frost and bear after one frostless winter.

This is a tall shrub 6 to 8 feet high with light, yellow-green leaves and curious buff trunk. The fruit is the size of a hen's egg to that of a large peach and while good to eat raw, its greatest use is to make jellies and preserves. There are but two other fruits in the world approaching the guava in the pectin contents and pectin is the base of all jellies and the guava has a most distinctive flavor. When brought in from the tropics, this jelly commands a high price.

WHITE-FLESHED With sub-acid flavor and nearly always round.

PINK-FLESHED Sweeter and often pear-shaped.

PRICES Large, field-grown, sturdy plants \$1.50 each, \$15.00 doz. Small plants if in stock \$0.90 each, \$9.00 doz.

CATTLEY GUAVA (*Psidium Cattleyanum*) This has glossy, thick, dark green evergreen leaves, grows 5 to 6 feet high, bears quantities of small (about 1 inch in diameter,) round, red, sub-acid fruit fine for jellies.

YELLOW CHINESE GUAVA (*Psidium Lucidum*) Very similar to Red Cattley but fruit is yellow, larger and sweeter.

PRICES On Both, Small, pot-grown plants \$1.00 each, \$10.00 dz.

CARISSA (*C. Grandiflora* or *Bispinosa*) A delightful little plant spreading out on the ground but rarely growing more

than three feet high. It has glossy, evergreen leaves, large, fragrant white flowers followed by a brilliant red fruit the size of a small plum, sub-acid in flavor and making a fine jelly. If cut back by a frost, it quickly comes up again. It makes a charming road border.

PRICES Large Field-grown plants \$1.50 each, \$15.00 dz.

PAPAYA (*Carica Papaya*) The Tree Melon. A Quick-growing tree with large palmate, picturesque leaves and fruit growing at the axis of leaves in the shape of a melon, and making fine eating. Trees are usually male and female and two or three should be grown together. Fruit contains papain and is fine for people with weak digestion. Tender but usually comes up after a frost but care must be used not to break bark low down where the soil can get at it. Needs much water.

PRICES Seedlings, pot-grown, \$1.00 each, \$10.00 dz. Seedlings, 2 ft—3 ft. high, \$1.50 each, \$15.00 dz.

PITANGA (*Eugenia Uniflora*) Large shrub with pretty leaves, green, red-tipped and a delightful ribbed fruit, the size of a large cherry with pit size of a cherry and of delightful sub-acid flavor. With first-class cultivation, it bears two crops a year.

PRICE Nice, field-grown plants, balled \$1.00 each, \$10.00 dz.

WHITE SAPOTE (*Casimiroa Edulis*) A large, handsome, spreading tree with big, star-shaped leaves and bearing a fruit the size of a small orange containing 3 or 4 seeds embedded in delicious sweet pulp, peach-like in flavor. The fruit keeps well and has market possibilities.

PRICES A few very large trees ready to bear next year, Balled, \$8.00 each.

KEI APPLE (*Aberia Caffra*) A thorny shrub from S. Africa used for hedges and bearing small, round, sub-acid fruit making a fine jelly.

PRICES 4 to 5 feet trees, balled, \$5.00 each.

MANILLA TAMA-RIND (*Pithecelobium Dulce*) A stately tree growing 30 to 40 feet high and very attractive. Stands considerable cold but not hard freezing. Bears twisted pods containing sweet, orange-colored pulp, edible and wholesome.

PRICES. Nice, field-grown plants, balled \$1.50 each.

For Tiger Apple (*Thevetia Nerifolia*) see Flowering Trees.

PALMS

No plant creates such stately tropical dignity as the palm. It should become a distinctive feature of the Rio Grande landscape. The tall growing species are particularly fine for splendid avenue approach; others give an air of magnificence to a lawn; dwarf varieties can be used near a house or on a piazza.

Balled and cured palms can be planted at any time of year and probably the summer is the best. If given lots of water, they are rapid growing.

We have five to ten thousand growing at La Granja and ten to twenty thousand at Kingsville. The latter are grown under desert conditions and have grown slowly; when dug after a rain, they stand transplanting better than home-grown and start growing quickly and grow rapidly. During the winter we get car-loads several times and special prices made on car-loads of from 400 to 1,000 palms. There are many very fine, large specimens at Kingsville.

Our palms here drop into four main classes, the DATE or PHOENIX, the FAN or WASHINGTON, THE COCOANUT or COCOS and the WINDMILL or CHAMAEROPS.

DATE or PHOENIX PALMS One of the most beautiful and well-known palm groups. Many are very hardy and do well here. It has handsome feather fronds often 10 and 15 feet long. The four varieties we grow are:

CANARY (*Canariensis*) Ornamental date. This has a massive single stem with dense crown of large, heavy, elegant, curving leaves often 15 feet or more in length. It is a rapid grower on moist sandy soils and is the most planted palm here. It needs a circle of 20 feet diameter.

DATE (*Dactylifera*) Fruiting date. The growth of this palm is as strong as that of the Canary but its leaves are a

bluer green and stand more upright and are not as elegant. Also it grows a lot of suckers around base making a clump. All palms are male and female and the female bears the fruit. It is not possible to tell the sex of seedlings till they blossom and then the fruit is usually of little value. To get fine fruit, one should get rooted suckers of fruiting female palms and these will bear the same fruit as the parent.

PRICE On these \$30.00 Each.

RECLINATA It is hard to tell this from the Canary palm when small but it has a slender trunk and lot of suckers around trunk. If these are kept cut off, it makes a better avenue palm than the Canary.

FAN OR WASHINGTONIA PALMS These are very fast-growing with plumpy cluster of fan leaves at top of trunk. Two varieties.

FAN (Robusta) This grows tall often reaching 50 or 60 feet in height and with its columnar trunk, makes a wonderfully fine avenue palm until it gets very tall. For best effect, it should be planted alternately with some palm or tree spreading out lower down, such as the fruiting date or the Arizona Cypress.

THREAD (Filiifera) This never shoots up as tall as the preceding but has a larger trunk and the leaves have more threads hanging down from them.

COCOANUT (Cocos) The fruiting Cocoanut is too tender to live thru our winters without protection. But the other varieties are exceedingly handsome. We carry two:

QUEEN (Plumosa) This is the finest palm for avenues as it grows with a straight erect trunk some 35 feet high and long feathery, dark green leaves. It will need protection from wind here while young. But it is doubtful if even the much vaunted Royal Palm exceeds it in beauty.

PINDO (C. Australis or Eriospatha) Probably the most valuable palm for lawn planting. It has grey-green foliage and fronds gracefully recurved making it very striking. Fruit about the size of a pigeon's egg with outer, sweet, edible pulp. Should have a circle of 12 to 15 feet diameter.

PRICES Canary or Ornamental Date and Fan or Washingtonia Robusta palms.

Caliper	Height	Each	Dozen	Per 100	Weight
2 in.—3 in.	2 ft.—3 ft.	\$2.00	\$ 20.00	\$150.00	30 lbs.
3 in.—4 in.	3 ft.—4 ft.	2.75	27.00	190.00	40 lbs.
4 in.—5 in.	4 ft.—5 ft.	4.00	40.00	275.00	50 lbs.
5 in.—6 in.	5 ft.—6 ft.	5.00	50.00	350.00	60 lbs.
6 in.—8 in.	6 ft.—8 ft.	6.00	60.00	450.00	75 lbs.
8 in.—10 in.	8 ft.—10 ft.	7.50	75.00	600.00	100 lbs.
10 in.—12 in.	10 ft.—12 ft.	10.00	100.00	750.00	125 lbs.

FRUITING DATE (Seedlings), RECLINATA, THREAD or W. Filifera. **QUEEN** (C. Plumosa) In case of Queen, price is determined by height not caliper.

2 in.—3 in.	Caliper	\$2.75	Each	\$27.00	dz.
3 in.—4 in.	Caliper	4.00	Each	40.00	dz.
4 in.—5 in.	Caliper	5.00	Each	50.00	dz.
5 in.—6 in.	Caliper	7.50	Each	75.00	dz.

FRUITING DATE Suckers of Deglet Nur., \$30.00 each.

PINDO (C. Australis) 2 in.—3 in. Caliper \$3.00 each, \$30.00 dz. 3 in.—4 in. Caliper \$4.00 each. \$40.00 dz.

WINDMILL (Chamaerops) Also called Trachycarpus) Dwarf palms with fan leaves divided into many segments. Slow growers but hardy.

WINDMILL (Excelsa) Grows about 20 feet high, has hairy trunk.

DWARF WINDMILL (Humilis) Dwarf and handsome where low cluster is needed.

PRICE 2 ft.—3 ft., \$4.00 each, \$40.00 dz.

SABAL A class of native palms with fan leaves with center recurved so as to resist the wind and color of leaves a blue-green instead of the lively yellow-green of the P. Canariensis.

PALMETTO (S. Palmetto) The Palmetto or Cabbage palm of Florida and Georgia answering to above description but the stem is quite slender and the leaves are not as broad and as handsome as on the next palm.

TEXAS SABAL (S. Texana or Mexicana) This is our native palm growing by the thousands close to the Rio Grande. It is a magnificent palm with larger trunk and large, handsomer leaves than the Florida Palmetto and tho difficult to transplant successfully, should be widely planted.

PRICE Small \$1.00 each, \$10.00 dz., 3 ft.—4 ft., \$4.00 each, \$40.00 dz.

BLUE PALM (Erythea Armata) This is an unusually attractive fan palm whose leaves are a silvery blue. It makes a wonderful contrast against other foliage.

PRICE 2 ft.—3 ft., \$4.50 each, \$45.00 dz., 3 ft.—4 ft., \$6.00 each, \$60.00 dz.

HONEY PALM (Jubaea Spectabilis) This is another frond palm like the Canary but the color of its leaves are a dark, rich green and its fronds are heavier and larger making it strikingly handsome.

PRICE 1 ft.—2 ft., \$3.00 each, 6 ft., \$25.00 each.

DWARF CHINESE FAN PALM (*Livistona Chinensis*) Dwarf fan palm of great beauty but must be grown in shade and with plenty of water. Small, fine specimens \$2.00 each.

SAGO PALM (*Cycas Revoluta*) A beautiful dwarf plant growing not more than 5 feet high and requiring a 4 ft. circle. It grows a round stem or bulb with whorl of dark green, glossy leaves, very handsomely recurved in center. Likes a sunny exposure. Hardy.

PRICE Nice small plant \$1.50 each, \$15.00 dz.

GENUINE FRUITING DATE PALMS Seedling date palms are about half male producing no fruit and it is impossible to tell sex till they fruit. When the female fruits, it is a seedling and the chances are it will not produce good fruit. For the same reason no one now plants seedling apples, peaches, oranges or hardly any other fruit.

To get a fine fruiting female date palm, one must get a rooted sucker from a female fruiting date palm of known fine bearing. We have secured a few of these from the Imperial Valley in California where they were cut from palms bearing several hundred lbs. of fine dates. They are a most promising experiment and we have two varieties, both fine—the Deglet Nur and the Menarkher. The rooted suckers will not be more than 1 or 2 feet high.

PRICE \$30.00 each.

EVERGREENS

Arbor Vitaes, Cypress, Cedars, Pines, etc. These are usually considered northern trees but many varieties do well here and they are wonderfully effective in landscape planting. Most should be transplanted before March 1st and better in January.

ARBOR VITAE (*Thuya*) These are really shrubs as many do not grow over 5 or 6 feet high but they are evergreen and of beautiful shape and color. They should be watered either at night or with a large amount of water as if a small amount is put on during day in summer, it steams, the roots cook and the plant dies.

DWARF GOLDEN (*T. Orientalis Aurea Nana*) Compact, symmetrical with flattened branchlets golden-tipped, one of handsomest dwarf trees grown.

PRICES 2 ft.—2½ ft., Balled, \$2.00 each, \$20.00 dz. 2½ ft.—3 ft., Balled, \$2.50 each, \$25.00 dz.

COMPACT GOLDEN (*Biota Compacta Aurea*) Larger and rounded than preceeding. Only a few specimens.

PRICES 2½ ft.—3 ft., \$2.50 each, \$25.00 dz.

PYRIMIDALIS Of upright, columnar habit with dark green cedar-like foliage.

PRICES 3 ft.—4 ft., \$2.50 each, \$25.00 dz. ½ ft.—1 ft., \$1.00 each, \$10.00 dz.

CHINESE (*Thuya Orientalis*) With looser foliage of a dark green.

PRICES 5 ft.—6 ft., \$4.00 each, \$40.00 dz.

CEDERS RED CEDAR (*Juniperus Virginiana*) A sturdy, strong-growing tree with lovely gray-green foliage and pyrimidal habit. Grows 20 to 25 feet high.

PRICES 1½ ft.—2 ft., \$1.50 each, \$15.00 dz. 2 ft.—2½ ft., \$2.00 each, \$20.00 dz. 2½ ft.—3 ft., \$2.50 each, \$25.00 dz.

INCENSE CEDAR (*Libocedrus Decurrens*) One of the finest specimen trees with ferny foliage and great regularity of growth.

PRICES 2 ft.—3 ft., \$3.00 each, \$30.00 dz.

CYPRESSES ARIZONA CYPRESS (*C. Arizonica*) This stands drought and heat so well that I place it as the surest and most valuable evergreen tree for this section. Regular and symmetrical in growth with lively silver-green foliage and pyrimidal in form.

PRICES 1½ ft.—2 ft., \$2.00 each, \$20.00 dz. 2 ft.—2½ ft., \$2.50 each, \$25.00 dz. 2½ ft.—3 ft., \$3.00 each, \$30.00 dz.

PINES Are one of the most important and picturesque of trees. Usually tall with spreading branches and pyrimidal top becoming more picturesque with age. Northern varieties do not do well here but certain California ones thrive here. Two trees included are not botanically pines but similar.

AUSTRALIAN PINE (*Casuarina Stricta*) Also called Beefwood. Has fine long needless like a pine, grows rapidly, stands heat and when grown large will stand our winters.

PRICES 5 ft.—6 ft., large trees, \$3.00 each, \$30.00 dz.

ALEppo PINE (*Pinus Halepensis*) Comes from Western Asia where it grows 60 feet high, is a rapid grower with dense blue-green foliage.

PRICES 2 ft.—3 ft., \$1.50 each, \$15.00 dz., 3 ft.—4 ft., \$2.00 each, \$20.00 dz.

ITALIAN STONE PINE (*Pinus Pinea*) Small tree with bright green clustering branches, very lovely.

PRICES 2 ft.—2½ ft., \$1.50 each, \$15.00 dz.

BUNYA BUNYA PINE (*Araucaria Bidwillii*) A magnificent tree, not a true pine but often classed as such branches grow in regular whorls and are closely set with deep green leaves. Needs protection in summer from our hot winds and plenty of water.

PRICES 3 ft.—4 ft. high, \$3.00 each, \$35.00 dz.

CYPRESS PINE (*Calitris Robusta*) A most lovely, golden tipped pine like tree.

PRICE 4 ft.—5 ft., \$5.00 each.

SHADE TREES

In this land of brilliant sunshine and because naturally an arid country, a land of stunted trees with open and scanty foliage, the northern man needs shade trees around his home. He needs it for rest to the eye looking on its soft green foliage and for the coolness of the shade. The woman needs it more than the man and she often becomes discontented and knows not the reason. Plant shade trees.

UMBRELLA CHINA TREE (*Melia Azedarach Umbraculiformis*) Native to our State. A very rapid growing and splendid shade tree with beautifully rounded top and giving dense shade. Subject to root rot and dieing but probably the best shade tree for immediate effect.

MULBERRY TREES (*Morus Tartarica or Alba*) Very rapid growing, wide-spreading trees. Leaves food for silk worms. Saps soils for some distance.

HONEY LOCUST (*Gleditsia Triacanthus*) A rapid growing tree with light, feathery foliage, stout branches and strong root system.

PRICES On Three. Bare Roots. Medium size, 4 ft.—6 ft., \$1.00 each, \$10.00 dz., \$70.00 pr. 100. Large Trees, 6 ft.—8 ft. \$1.50 each, \$15.00 dz.

TEPEGUAJE (*Leucaena Esculenta*) A wonderfully fine native tree with handsome pinnate leaves like an acacia. Very rapid growing and grows tall and handsome. Our stock has been grown in pots from seed ripened on the place and all the roots are in the pots. This tree is the best avenue tree we have.

PRICES From pots, 1 ft.—2 ft., \$1.00 each, \$10.00 dz., \$70.00 pr.

100. From pots, 2 ft.—4 ft., \$1.50 each, \$15.00 dz. Bare roots, 6 ft.—8 ft., \$2.50 each, \$25.00 dz.

RETAMA (*Parkinsonia Aculeata*) A most unusual and attractive native tree with leaves a half inch wide and two feet long and covered with delicate yellow blossoms in spring. Very effective among other trees.

HUISACHE (*Acacia Farnesiana*) Another native tree with feathery foliage, thorns and rapid growth.

ARIZONA ASH (*Fraxinus Velutina*) Another very pretty and rapid growing shade tree of medium size.

PRICES On Three. Large trees, \$1.00 each, \$10.00 dz. Extra Large, \$1.50 each, \$15.00 dz.

LEBBEK TREE (*Albizia Lebbek*) A rapid growing and delightful shade tree, moderately tender. Has soft, pinnate or feathery leaves and round white balls of flowers followed by long seed pods.

DEVIL'S EAR TREE (*Enterlobium Cyclocarpum*) A lovely shade tree from Venezuela with abundant foliage of dark-green pinnate leaves and whitish flowers. Rapid-growing and somewhat tender.

VICTORIAN BOTTLE TREE (*Sterculia Diversifolia*) A magnificent street tree often growing 60 feet high, with bright, glossy green foliage and leaves of many shapes.

PRICES On Three. Large trees, 5 ft.—7 ft., \$2.00 each, \$20.00 dz.

AUSTRALIAN SILKY OAK (*Grevillea Robusta*) Also called fern leaf tree from the delicately articulated leaves. Fast-growing and very lovely shade tree.

PRICE From pots, 2 ft.—4 ft., \$1.25 each, \$12.50 dz.

PEPPER TREE (*Schinus Molle*) From Peru. One of the most graceful of our shade trees with long branches of finely cut, delicate green leaves and coral red berries. Planted extensively in Southern California.

PRICES 3 ft.—5 ft., Balled trees, \$1.50 each, \$15.00 dz.

LIGUSTRUM (*L. Japonicum*) If trained, this tree grows to be one of our most beautiful shade trees. Evergreen, with clean, glossy dark-green foliage and around Christmas with clusters of black berries. Rather slow growing but immense trees can be seen in the plaza of San Antonio and at Austin.

PRICES 3 ft.—4 ft., Balled and tree trained, \$1.50 each, \$15.00 dz.

WEEPING MULBERRY (*Morus Alba Pendula*) One of the handsomest weeping trees with branches dragging on the ground.

PRICES High-headed, large trees, \$3.50 each, \$35.00 dz.

RUBBER TREES (*Ficus Elastica* or *Macrophylla* or *Altissima*) Few know that the rubber is one of our fastest growing and handsomest trees with its immense, glossy dark-green leaves. If given plenty of water it is very fast growing. But branches low and is slightly tender. Likes full sun.

PRICES Balled tree, small size, 75c each, and larger, 75c per foot of height.

CAROB OR ST. JOHNSBREAD TREES (*Ceratonia Siliqua*) A most beautiful tree with shining, stiff, green leaves and bearing pods filled with nutritious, sweet pulp. Raised all over Asia Minor for stock food.

PRICES 2 ft.—3 ft. trees, balled, \$2.00 each. 2 inch caliper trees, \$5.00 each. Grafted trees, \$7.50 each.

Assortment $\frac{1}{2}$ dz. own selection \$6.00, 1 dz. \$10.00.

FLOWERING TREES

We do not appreciate the wealth of beauty in our smaller and dwarf flowering trees. Most of them have lovely foliage and when covered with floweres are huge bouquets of wonderful color. If such could be grown north, they would attract immediate attention and great admiration.

JACARANDA TREE (*Jacaranda Ovalifolia* or *Mimosaefolia*) One of the most exquisite trees for protected plantings. Its leaves are like lovely ferns. The tree is symmetrical and elegant. In May it bears large clusters of mauve-blue flowers making the tree a cloud of blue.

PRICES 2 ft.—3 ft., Plants from pots, \$1.25 each, \$12.50 dz. 3 ft.—4 ft., Trees Balled, \$1.75 each, \$17.50 dz. 6 ft.—7 ft., Trees Balled, \$3.50 each, \$35.00 dz.

THEVETIA TREES (*T. Nerifolia*) Also called Tiger Apple. One of the daintiest and loveliest of our dwarf flowering trees. Grows 10 to 12 feet high with rounded top, glossy, evergreen, narrow leaves, curious, whorled, orange-yellow trumpet-shaped flowers followed by a ridged fruit the size of an English Walnut containing a seed which the negroes says brings luck.

PRICE Small, pot-grown trees, \$1.00 each, \$10.00 dz. 3 ft.—4 ft. high trees, \$1.50 each, \$15.00 dz.

RED TAVASHEEN (*Caesalpina Pulcherrima*) A rapid growing and most lovely dwarf tree with soft green pinnate foliage and most gorgeous red flowers in August and on. Tender, frozen back by 28 degrees but comes up rapidly from roots and flowers first year.

YELLOW TAVASHEEN (*C. P. Flava*) Same but flowers are a rich, Nankin yellow and bloom earlier and it is more hardy.

PRICES On both, 1 ft.—2 ft., Trees from pots, \$1.00 each, \$10.00 dz., \$70.00 pr. 100. 3 ft.—4 ft., Trees from pots, \$1.50 each, \$15.00 dz.

BIRD OF PARADISE TREE (*C. Gilliesii*). Smaller but with duller foliage and completely hardy. In spring it is covered with gorgeous spikes of vermillion and gold flowers.

PRICES 2 ft.—3 ft. Trees, balled, \$1.00 each, \$10.00 dz.

FLOWERING WILLOW (*Chilopsis Linearis*) Not a true willow but looks like one till it blossoms out with its lacy flowers when the whole tree is a huge bouquet. Dwarf growing 10 to 12 feet high.

PRICES 4 ft.—5 ft., Balled Trees, \$1.50 each, \$15.00 dz.

SESBANIA TREE (*Sesbania Punicea*) Allied to Tavasheens but hardy. Dwarf, 6 ft to 7 feet high. Leaves compound and delicately green. Flowers a wonderful shade of mahogany red borne in drooping racemes, very lovely.

PRICES 3 ft.—4 ft., Balled Trees, \$1.50 each, \$15.00 dz.

LAVENDER TREE (*Vitex Agnus Castus*) A delightful dwarf tree with many spikes of lavender flowers with the pungent lavender odor.

PRICES Small pot-grown plants, 75c each, \$7.50 dz. 5 ft.—6 ft. Balled Trees, \$2.00 each.

BANANA PLANTS

An ornamental plant with broad leaves which thrives in hot weather if it has plenty of water. After frostless winters, it will bear from two to seven hands of fruit, on a bunch. But cannot be grown here commercially for fruit.

ORINOCO Or Horse Banana. A thrifty variety with fruit fine for cooking. Suckers, 2 to 3 ft., 30c each, \$3.00 per dozen, \$20.00 per 100. 4 to 6 ft., \$1.00 each, \$10.00 per dozen, \$65.00 per 100.

LADY-FINGER BANANA A delicious small fruit variety, rather rare. Suckers, 2 to 5 ft., \$1.00 each, \$10.00 per dozen.

BAMBOO

These, after the palm, are distinctly tropical and handsome in massed effects at a distance. They make admirable wind-breaks. If given plenty of water.

SILVER BAMBOO (*Bambusa Argentea*) This grows about 25 feet high and is admirable for windbreaks.

FISHING ROD BAMBOO (*Arundo Donax*) A beautiful reed growing 12 to 15 feet with feathery plumes in fall. Its stalks make fine canes for tying plants to.

PRICES On both, single rooted canes or roots 25c each, \$2.00 per dozen, \$15.00 per 100.
Small clumps, \$1.00 each, \$10.00 per dozen.

GIANT (*Bambusa Vulgaris*) Grows unusually tall, 50—80 ft. and with water very rapidly. Tender.

PRICE Clumps, \$5.00 each.

FORMOSAN (*Dendrocalamus Latifolia*) A giant and remarkably erect and beautifully green, variety growing 50 to 80 feet high if given plenty of water.

PRICE Clumps, \$5.00 each.

CENTURY PLANTS OR CYAVES

This stately, stiff-leaved architectural plant, grows splendidly here and has a most tropical effect when mixed with other plants.

AMERICANA This variety has blue-green, thick, wide leaves and grows large. Flowers in 7 to 12 years. Very stately.

SISALANA Narrower and more pointed leaves. Sisal Rope and Binder Twine are made from the fiber in leaves.

PRICES Small plants, \$1.00, large, \$2.00, largest, \$3.00 each.

HEDGES

Somewhere around your home is need of a hedge. Omit the front fence and plant a hedge about three feet high. Between neighbors, grow a low hedge marking a division but not making one. Along your drive, have a low hedge. Shutting off the service part of the house at the back, plant a high hedge or screen.

Any plant growing with fair regularity can be used for a hedge but those naturally growing the right height and with regularity and which can be sheared are best.

Many northern plants suited there are failures here due to non-adaptability to our high soil temperature or to our alkaline soils and water or because so surface-rooted that a slight drought kills them off. Thus privets are a failure unless given careful and continuous care.

The best method of planting a hedge is to make a slight ditch, say 6 inches deep and 2 to 4 feet wide and plant in that; this makes watering easy.

In making up this list of hedge plants, the lowest are put first and those listed elsewhere are not described or priced but should be looked for under other headings. So that here only distinctively border and hedge plants are listed.

GROUND-COVER TRAILING LANTANA This covers the ground coming up less than a foot high with pleasing foliage and masses of purple flowers. It is the best thing for so low a plant.

LOW HEDGES, 1'-2' HIGH PERIWINKLES These continually flower with white and pink flowers and make a delightful low border.

CANNAS Planted close together make a fine hedge and the lowest of these is charming little PELEY growing only 1½ to 2 feet high.

LOW HEDGES, 2'-3' HIGH CANNAS For this height such cannas as GOLDEN GATE, HUNGARIA, SHENANDOAH should be used.

SEVERINA (*Buxifolia*) A handsome dwarf shrub related to the orange. Beautiful dark green and fine foliage, compact growth and glossy, dark, green berries in fall. Hardy.

PRICE 1 ft.—2 ft., Balled Plants, \$1.00 each, \$10.00 dz.

CARISSA See description under fruiting plants for this. It makes a lovely low hedge or border with its glossy, dark green leaves and curious growth but 2 feet high.

COPPER-LEAF (*Acalypha Obovata*) A lovely foliage plant with leaves of copper-green veined with red and bordered with yellow and pink. A hedge of this is very lovely. It is the only one of this species which stands our full sun.

PRICE Small plants, 50c each, \$5.00 dz. Large plants Balled, \$1.50 each, \$15.00 dz.

CREEPING JUNIPER (*Juniperus Chinensis Recumbens*) A most delightful plant spreading out on the ground.

PRICES On request.

MEDIUM HEDGES, 3'-4' HIGH CANNAS In great variety. Such as Dr. Funk, Black Prince, Allemania, Burbank, Etc., Etc.

FLOWERS Such as **LION'S TAIL, BUTTERFLY BUSH, TURK'S CAP, JASMINES, ETC., ETC.**

DWARF POMEGRANATE See Fruiting Plants. This is a delightful little plant with its bright red flowers and soft green foliage.

ARBOR VITAE See Evergreens. Nothing equals this for a formal hedge.

ITALIAN MYRTLE (*Myrtus Communis*) A dense growing, low shrub with small, glossy, fragrant leaves and white flowers followed by black berries. Hardy. Grows 3 to 5 feet high.
PRICE 8 in.—12 in., Balled Plants, 75c each, \$7.50 dz. 2 ft.—3 ft., Balled Plants, \$2.00 each, \$20.00 dz.

PITTOSPORUM TOBIRA Evergreen shrubs from Japan with dark green foliage set in rosettes and creamy flowers in March. A lovely and aristocratic plant. Will withstand salt winds. Two varieties, green-leaved and leaves variegated with white.

PRICE 2 ft.—3 ft., Balled Plants, \$1.50 each, \$15.00 dz.

HIGH HEDGES, 4'-6' HIGH CANNAS Many varieties such as Flambeau, Uncle Sam, Queen Helene, etc., etc.

FLOWERS Such as **HIBISCUS LANTANA, CREPE MYRTLE, NIGHT-BLOOMING, JASMINE**, etc., etc.

CAROLINA LAUREL CHERRY (*Prunus Caroliniana Laurocerasus*) A broad-leaved, evergreen shrub with firm, dark, glossy green foliage and racemes of small fragrant flowers followed by green-black fruit. Hardy and stands shearing well.
PRICE 2 ft.—3 ft., Balled Plants, \$1.50 each, \$15.00 dz.

LIGUSTRUM CORIACEUM (Or *Lucidum*) A cousin of that fine shade tree *Ligustrum Japonica* and possesses all its fine characteristics save it does not grow more than 6 feet high. Evergreen, glossy, compact, dark green foliage and handsome habit of growth. Hardy.

PRICE 2 ft.—3 ft., Balled Plants, \$1.50 each, \$15.00 dz.

VERY TALL HEDGES OR SCREENS 6 ft.—8 ft. HIGH, CANNA such as *Musafolia*.

FLOWERS Such as **OLEANDERS** and **DAY-BLOOMING JASMINE**. **BAMBOO** as *Argentea*.

FRUITS Such as **GUAVAS, FEIJOAS, POMEGRANATES**, etc., etc.

TALL SCREEN OR WILD-BREAKS, Over 8 ft. TALL BAMBOO Such as **GIANT** and **FORMOSAN**.

EVERGREENS Such as Cypress, Cedars, etc., etc.

TREES Such as **AUSTRALIAN SILKY OAK, ARIZONA ASH**, etc., etc.

FLOWERING SHRUBS

There are a great variety of flowering shrubs which can be grown here and make beauty around a home. Like all other plants, these are largely different from what grow north unless grown in a hot-house. Some remain in blossom all the year, some only blossom in winter, some blossom in summer.

TURK'S CAP (*Malvaviscus Arboreus*) Plants grow 3 to 5 feet high with soft, dark green foliage and brilliant scarlet flowers hanging pendant and specially floriferous in winter. One of the best plants for border or hedge and lovely in single specimens.

PRICE Large field grown balled plants, \$1.00 each, \$10.00 dz., \$65.00 pr. 100. Small plants when in stock, 40c each, 4.00 dz., \$25.00 pr. 100.

HIBISCUS (*H. Rosa-Sinensis*) Plants grow even 6 and 8 feet high. Soft, green foliage. Probably the most gorgeous and striking flowering plant we have. It is our best flowering shrub. Rapid grower. Flowers quickly and freely and in full sun. Tender but if cut down by frost, it comes quickly from roots and soon begins flowering again. Makes a fine hedge. Comes in a great variety of colors and single and double.

SINGLE RED (*Giganteus*) Enormous flowers of most glowing scarlet and very large flowers often 6 inches across. This grows the largest and flowers the freest of any.

SINGLE RED FLUTED (*Weddingii*) A dainty small flower of a most glowing deep red with dainty frilled or fluted edges.

SINGLE PALE PINK This is very free flowering and has large flower. It is so light a pink, it often appears as a white.

SINGLE MEDIUM PINK (*Superbus*) The shade of a *La-France* rose, soft, rose pink. Flowers large size and free.

SINGLE DARK PINK (*Grandiflora*) Flower a rich, carmine pink with darker center. Petals large often 2 inches across and rounded and flower 5 to 6 inches across. Free-flowering.

SINGLE ORANGE (*Euterpe*) A large single flower with broad petals of a rich orange veined with red and shading to an intense red center.

DOUBLE RED A very dark ox-blood red flower of moderate size but so thickly double that it often breaks from stem, so heavy is it. A rather weak grower and not so floriferous as others but strikingly handsome.

DOUBLE PEACHBLOW A most exquisite shade of light pink, very large flower and very double, flowers freely but plant often attacked by root rot.

DOUBLE PINK A rich, carmine-pink flower so large and so heavily double it resembles a peony but finer shade of color. One of best.

DOUBLE ORANGE (*Aurantiacus*) Big, very double, orange colored flowers. New.

DOUBLE BUFF (*Collerii*) Smaller flowers of a clear tender buff. Looks like fluted silk.

PRICES All but the Single Medium Pink, Double Orange and Double Buff Large, field-grown, balled plants, \$1.00 each, \$10.00 dz., \$65.00 pr. 100. Small plants when in stock, 40c each, \$4.00 dz., \$25.00 pr. 100. Single Medium Pnk, Double Orange, Double Buff, \$1.50 each.

LANTANA A gorgeous shrub with verbena like flowers. Thrives in any soil, stands heat and drought, grows about 5 feet high and fine for edging avenues. A native variety with orange flowers flourishes after a rain. Flowers are no good for cutting but very gay on the plant and it is always in flower.

WHITE (*Alba Perfecta*) Flower a pure white. Plant a dwarf.

PINK (*Comte de Biencourt*) Pure Pink.

ROSE AND YELLOW (*Jaune d'Or*) Variegated rose and yellow.

RED (*Jacob Schultz*) Rich, ox-blood red.

PRICES Large, field-grown, balled plants, \$1.00 each, \$10.00 dz., \$65.00 pr. 100. Small plants when in stock, 40c each, \$4.00 dz., \$25.00 pr. 100.

LION'S TAIL (*Leonotis Leonurus*) A quick-growing, rather tender shrubs from South Africa. It grows 4 to 5 feet high with hairy stems, soft green foliage and queerly handsome tufted spikes of orange flowers. Would need slight banking in winter.

PRICES Large, field-grown, balled plants, \$1.00 each, \$10.00 dz., \$65.00 pr. 100. Small plants when in stock, 40c each, \$4.00 dz., \$25.00 pr. 100.

BUTTERFLY BUSH (*Buddelia Davidii* or *Variabilis* or *Magnifica*) A recent introduction from Europe which has done well here. A pretty bush growing 4 to 5 feet high and covered with 5 to 6 inch long racemes of fragrant lilac flowers.

PRICE Large, field-grown, balled plants, \$1.00 each, \$10.00 dz., \$65.00 pr. 100. Small plants when in stock, 40c each, \$4.00 dz., \$25.00 pr. 100.

JASMINE, GRAND DUKE (*Jasminum Sambac*) A semi-climbing shrub with glossy, green leaves and very double white flowers of wonderful fragrance.

PRICE \$1.50 each.

JESSAMINES, DAY-BLOOMING (*Cestrum Diurnum*) A rapid-growing, evergreen shrub growing even 6 or 7 feet high with shining green leaves and quantities of clustering small white flowers very fragrant and followed by lovely purple berries.

JESSAMINE, NIGHT-GLOOMING (*Cestrum Nocturnum*) Also rapid-growing but does not grow so tall and quantities of creamy flower clusters fragrant at night

PRICES Large, field-grown, balled plants, \$1.00 each, \$10.00 dz., \$65.00 pr. 100. Small plants when in stock, 40c each, \$4.00 dz., \$25.00 pr. 100.

CRAPE MYRTLE (*Lagerstroemia Indica*) Grows into even a dwarf tree but usually 5 to 6 feet high. Soft, yellow-green foliage with three or four crops of great panicles of lacy flowers. Not good for cutting but one of the loveliest flowers in single specimens or massed.

Colors, Pink, a delicate, light, delightful color, Carmine, a rich, cerise red, Purple, a rich, lavender purple and White.

PRICES Large, field-grown, balled plants, \$1.00 each, \$10.00 dz., \$65.00 pr. 100. Small plants when in stock, 40c each, \$4.00 dz., \$25.00 pr. 100.

DURANTA (D. Plumieri or Repens) Grows 10 to 12 feet high. A very attractive shrub with graceful, pendulous branches, glossy, handsome foliage and loose racemes of delicate blue flowers born profusely at end of branches and followed by golden balls of seed pods. There is a rare white variety but we have only one bush.

PRICES Large, field-grown, balled plants, \$1.00 each, \$10.00 dz. Small plants if in stock, 50c each, \$4.00 dz.

ANGEL'S TRUMPET (Datura Arborea or Brugmansia) A large shrub sometimes getting 8 or 10 feet high with rather coarse foliage but bearing large, pendulous, trumpet-shaped, fragrant white flowers often nearly a foot long and very striking.

PRICES Large, field-grown, balled plants, \$1.50 each, \$15.00 dz.

DOMBEYEA (D. Wallichii or Assonia W.) A most beautiful, shrub or small tree from Madagascar with large, velvety, cordate leaves often a foot across and strikingly handsome. The flowers are born in winter in large, drooping compact, rosy heads, very lovely.

PRICES Large, field-grown, balled plants, \$1.50 each, \$15.00 dz.

POMEGRANATES For both fruiting and flowering see Page 18 of Bulletin No. 3.

OLEANDERS (Nerium Oleander) Everywhere here, Oleanders have done well. If given plenty of water, they grow ten or twelve feet high and at times are a mass of lovely flowers and almost always have some. The foliage is a sturdy, deep, blue-green. They are effective in clumps or as a hedge and can be trained as a dwarf tree when they make lovely avenue trees. Many colors. Pink, single and double, Cherry, single and double, deep Red, single, White, single and double, Flesh-Color, large single, Yellow, single, Buff single. Salmon.

PRICES Large, field-grown, balled plants, \$1.00 each, \$10.00 dz., \$65.00 pr. 100. Small plants if in stock, 40c each, \$4.00 dz., \$25.00 pr. 100.

Some specially fine varieties like Mrs. Roedding, \$2.00 each.

FLOWERS

This list does not include annuals or seeded plants. But only a few of the easiest grown, small flowering plants.

PERIWINKLE (Vinca) One of the most valuable border plants we have because it is continuously in bloom, stands hot weather and moderate drought. Glossy, oblong leaves and white and pink flowers. Grows a foot high. Two colors, white and pink.

PRICES Strong, field-grown, bare-rooted plants, 25c each, \$2.50 dz., \$18.00 pr. 100.

VIOLETS (Viola Odorata) Lovely, fragrant, single Italian Violets. Plant in shade and they flower mostly in winter.

PRICE Nice detached plants, \$1.00 pr. one-half dz., \$1.50 pr. dz.

PLUMBAGO (P. Capensis) One of the loveliest and most satisfactory small flowering shrubs and what is rare, with phlox-like flowers of a lovely light blue shade and always in flower. Soft green foliage and grows 2 feet high.

PRICES Large, field-grown, balled plants, \$1.00 each, \$10.00 dz., \$65.00 pr. 100. Small plants if in stock, 40c each, \$4.00 dz., \$25.00 pr. 100.

POINSETTIAS (Euphorbia Pulcherrima) The great scarlet bracts come just before Christmas and if no frost comes, last for five or six weeks. It is perhaps the most gorgeously beautiful winter-flowering plants we have and often grows five or six feet high.

PRICES Large, field-grown, balled plants, \$1.00 each, \$10.00 dz., \$65.00 pr. 100. Small plants if in stock, 40c each, \$4.00 dz., \$25.00 pr. 100.

STOKE'S ASTER (Stokesia Cyanea) One of the choicest American perennials. Grows 18 inches high with narrow leaves and handsome, lavender blue blossoms 4 to 5 inches across. Blooms freely all summer.

PRICE Small potted plants, 50c each, \$5.00 dz.

ROSES See BULLETIN No. 3, Pages 14 and 15.

LILIES, TUBEROSES and OTHER BULBS See BULLETIN No. 3, Pages 13 and 14.

CANNAS No flowering plant will give so much bloom for so little care as the canna.

Few know the wonderful new varieties with flowers like orchids and of the most brilliant yet delicate colors and shadings.

We grow these and other bulbs for the northern market and ship several hundred thousand yearly and are now growing between a quarter and a half million bulbs and have tested out over 350 kinds and for our wholesale trade carry between one and two hundred varieties in catalog and stock.

Here are a few of the best for the Valley. Plant in full sun, give plenty of water and thy will bloom and bloom and bloom:

			Name	Pr dz.	Pr. 100
Leaf	Height	Flower			
Green,	5 ft.—6 ft.	Red, Deep, Orchid & Large	UNCLE SAM	\$1.00	\$ 6.50
"	4 ft.—5 ft.	Red, Deep, Large Truss	DR. ROBT. FUNKE	1.00	6.50
"	4 ft.—5 ft.	Yellow, Canary, Lily Shape	BURBANK	1.00	6.50
"	5 ft.—6 ft.	Orange, Orchid, Large	INDIANA	1.00	6.50
"	4 ft.—5 ft.	Scarlet and Gold	ITALIA	1.00	6.50
"	4 ft.—5 ft.	Orange and Gold	ALLEMANIA	1.00	6.50
"	4 ft.—5 ft.	White, Small	MOONLIGHT	1.00	6.50
"	4 ft.—5 ft.	Gold with Ruby Throat	DUCA DI OTRANTO	\$1.50	9.00
"	3 ft.—4 ft.	Orange and Gold	MARVEL	1.50	9.00
"	4 ft.—5 ft.	Cream, almost White	NIEMEN	1.50	9.00
"	5 ft.—6 ft.	Yellow, Light Scarlet, Large	V.M. BATES	1.50	9.00
Bronze,	3 ft.—4 ft.	Fiery Scarlet, Large	KING HUMBERT	1.50	9.00
"	4 ft.—5 ft.	Orange, Soft and Rich	WYOMING	1.50	9.00
"	3 ft.—4 ft.	Apricot, Delicate Shade	FAISEN DORE	1.50	9.00
Green,	4 ft.—5 ft.	Largest Flower, Red	COLOSSAL	1.50	9.00
"	5 ft.—6 ft.	Yellow Dotted Red, Immense	QUEEN HELENE	\$2.50	15.00
"	4 ft.—5 ft.	Gold with Rose Throat	MME. ELIDA BERTIE	2.50	15.00
"	3 ft.—4 ft.	Pink of Rich Bluish Shade	HUNGARIA	2.50	15.00
"	3 ft.—4 ft.	Pink Salmon	L. PATRY	2.50	15.00
"	3 ft.—4 ft.	Gorgeous Red and Gold	GAIETY	2.50	15.00
"	3 ft.—4 ft.	Yellow, Soft and Pelucid	GOLDEN GATE	2.50	15.00
"	3 ft.—4 ft.	Pink, Deep Cerise	ROSEA GIGANTEA	\$4.00	\$25.00
"	3 ft.—4 ft.	Rose, Soft, Opaque Salmon	MRS. A. F. CONARD	4.00	25.00
"	3 ft.—4 ft.	Cream and Rose	ROSSINI	4.00	25.00
"	3 ft.—4 ft.	White, Large Orchid Flower	EUREKA	4.00	25.00
"	4 ft.—5 ft.	Scarlet and Gold, Immense	GLADIATOR	4.00	25.00
"	3 ft.—4 ft.	Cerise Pink and Gold	GLADIOLORA	4.00	25.00
"	3 ft.—4 ft.	Cream and Flesh Pink	DONNA	\$6.00	\$40.00
"	4 ft.—5 ft.	Immense Fiery Vermillion	FIERY CROSS	6.00	40.00
Bronze,	4 ft.—5 ft.	Rich Cerise Pink, Large	DR. E. ACKERNECHT	6.00	40.00
Green,	4 ft.—5 ft.	Deep Rose and Gold, Large	HARLINGEN	6.00	40.00
Mixed, all colors, \$.50 dz., \$3.00 pr. 100.					

GRASSES

The delicate, fountain-like foliage of the grasses harmonize beautifully with more stately or more colorful plants. Usually plant where they get plenty of moisture.

PAMPAS GRASS (*Cortaderia Argentea* or *Gynerium Argentum*) An immense and rather fine grass growing 5 and 6 feet high and in clumps 3 feet in diameter. In fall, it sends up great feathery plumes often 2 feet long. Very ornamental.
PRICE SILVER Plumes, a silvery buff, small clumps, 75c, \$7.50 pr. dz.

ROSE Plumes, a dainty rose, small clumps, \$1.25 each, \$12.00 pr. dz.

ZEBRA GRASS (*Miscanthus Sinensis Zebrinus*) Often called Eulalia Grass. The long blades of this are banded with yel-

low, making a striking object on a lawn. Light plumes in fall.
PRICE Small clumps, 75c, \$7.50 pr. dz.

MISCANTHUS GRASS (*M. Sinensis Gracillima* or *Eulalia Gracillima Univittata*) A graceful, fine grass with narrow foliage of soft, yellow-green and pretty plumes for seed.

PRICE Small clumps, 75c each, \$7.50 pr. dz.

UMBRELLA GRASS (*Cyperus Alternifolia*) Looks like a small palm and if given plenty of water will grow 5 and 6 feet high. Beautiful for a border or with other plants.

PRICES Strong roots, 25c each, \$2.50 dz., \$15.00 pr. 100.

MINT (*Mentha Rotundifolia*) Do you want the nicest addition to your iced drinks? Then crumple a leaf or two of genuine English mint into the ice on top and taste and smell its delicious flavor. An herb growing 20 to 30 inches high.

PRICE Small balled plants, 50c each, \$5.00 dz.

FERNS AND HOUSE PLANTS

BOSTON FERN (*Nephrolepis Exaltata*) This is the well-known Sword or Boston fern with long, free-growing, dark green leaves spreading or hanging. Should be grown in partial shade.

ASPARAGRAS PLUMOSA If there is a better plant for bouquets and table decoration, it is not known. The foliage is more delicate than that of the finest fern and lace-like in its filminess. It can be grown as an exquisite small vine or cut back when it becomes bushy. Will stand artesian water and sun.

ASPARAGRAS SPRENGERI Coarser and stronger in texture, also a brighter yellow green. Very effective for porch boxes as it droops over gracefully.

PRICES On both, field-grown, strong plants, balled, 50c each, \$5.00 dz.

ASPARAGRAS FALCATA Larger cladodes or leaves than the Sprenger and of a darker and more glossy green, falcate in shape with undulate margins. It has sweet-scented flowers in loose racemes 2 to 3 inches long of pure white with yellow stamens.

PRICES Strong, field-grown plants, \$1.00 each, \$10.00 dz.

TRAILING LANTANA (*Lantana Sellowiana*) A trailing shrub with purple, verbena-like flowers continually in bloom and which will droop over a box in handsome shape. Will stand full sun.

PRICES Strong, field-grown plants, balled, \$1.00 each, \$10.00 pr. dz.

ASPIDISTRA (*A. Lurida*) An attractive, large-leaved plant suitable for dark halls, thriving with little light and attention. Will not grow in full sun.

PRICES Pot-grown plants, 50c each, \$5.00 pr. dz.

SCREW PINE (*Pandanus Utilis*) A tropical plant remarkable for the perfect, spiral arrangement of its long, sword-shaped leaves. Very decorative in a window box.

PRICE Strong, field-grown plants, \$1.25 each, \$12.00 pr. dz.

BOW-STRING HEMP (*Sansiviera Zeylanica* and *Guineensis*) A quick-growing fiber plant with long, stiff, sword-shaped leaves mottled with white. Will stand sun or shade and hard usage.

PRICES Strong, field-grown plants, 35c each, \$3.50 dz.

VINES

So many and so delightful vines can be grown here that there is no excuse for not shading your walls and making your home a bower of beauty. Dig a slight trench heaping the dirt toward the house so that the water does not go under the house; then run foot wide chicken wire from eves to ground and run your vines up this.

LOW-PRICED VINES

QUEEN'S WREATH (*Antigonon Leptopus*) Called by Mexicans Corona de la Regina and Rosa de Montana. A rapid-growing and lovely vine with heart-shaped, yellow-green leaves and bearing quantities of wreathing, rose-pink flowers. Probably the best vine for summer-flowering. Tender but if killed by frost comes up from roots.

HONEYSUCKLE (*Lonicera Japonica* Also *Nintooa Japonica*) A fine blooming vine with grey-green, evergreen leaves and yellow and white fragrant flowers.

WISTARIA (*W. Floribunda*) Stout vine with woody trunk, pinnate leaves and lilac-blue flowers in long drooping racemes in late spring. Plant on north side as it does not like much heat.

TRUMPET VINE (*Campsis Radicans*) A deciduous vine with pretty pinnate leaves and clusters of orange-scarlet flowers. Attaches itself to brick or wood. Not as free-flowering as further north.

CLEMATIS OR VIRGIN'S BOWER (*C. paniculata*) A vigorous climber of strong and rapid growth with small, dense, cheerful-green foliage and pure white, deliciously fragrant star-shaped flowers often an inch across followed by feathery seed pods. When it flowers in August and September, the whole vine is often white.

PRICE On five. Small plants balled, 50c each, \$5.00 dz. Well-grown plants, 75c each, \$7.50 dz.

AIR POTATO (*Dioscorca Bulbifera*) A rampant grower with large, heart-shaped and glossy green leaves of great beauty. Flowers insignificant in lax, drooping racemes followed by bulb like a potato grown in axils of leaves. Dies down in winter but its rapid growth in summer makes it very desirable.

PRICE Bulbs, 25c each, \$2.50 dz.

BOUGAINVILLEA (*B. Glabra Sanderiana* or *Porterii*) The most free-flowering vine we have with a mass of purple flowers all the time. Tender but if cut down by frost, comes up from roots. Hard to get started but when staked, grows very rapidly. Can be trained as a vine or as a bush.

PRICE Small plants, 75c each, \$1.50 dz. Large, 1 year plants, \$2.50 each.

BRAZILIAN BOUGAINVILLEA (*B. Spectabilis* or *Brazilensis*) Same as preceding but flowers double the size and more brilliant, and deeper in shade. Also stronger grower.

PRICE Large plants, \$4.00 each.

CRIMSON BOUGAINVILLEA (*B. Cyphera*) The flowers on this are the most wonderful shade of rich, glowing crimson imaginable and leaves are a softer, tenderer green. Very tender.

PRICE Large plants, \$4.00 each.

COSTA RICA VINE (*Solanum Wendlandii*) A rapid-growing, tall-climbing vine with pinnate leaves sometimes 10 inches across and large cymes of elegant, sky-blue flowers, each flower often $2\frac{1}{2}$ inches across and the cluster 12 to 15 inches across. One of the most showy vines for this section.

PRICE Large plants, \$2.00 each, \$20.00 dz.

TOMATILLO (*Solanum Seaforthianum*) A medium delicate vine with dainty foliage and drooping panicles of light-blue, star-shaped flowers about an inch across, followed by red berries like a small tomato whence the Mexicans name it. Thrives well here.

FLAME VINE (*Pyrostegia Venusta*, or *Bigonia Venusta*) An exquisite tropical trumpet creeper growing as much as 70 feet high and producing countless bright, orange-red flowers in winter and often a second crop in June.

CAPE HONEYSUCKLE (*Tecomaria Capensis*) A strong-growing, shrubby climber with elegant pinnate leaves and bright-scarlet flowers in constant bloom. It is only a half-climber and can be grown as a shrub.

EVERGREEN GRAPE (*Cissus Capensis*) A strong, climbing vine with globular ground tubers and long-stalked, thickish leaves tendril-climbing.

CREEPING FIG (*Ficus Repens* or *Pumila*) A small-leaved, evergreen climber attaching readily to cement or brick and covering it with its dainty green leaves. See on the Mercedes Hotel.

PRICE On Five. Small vines, 75c each, \$7.50 dz. Large vines, \$1.50 each, \$15.00 dz.

SMILAX OR GREENBRIER (*S. Lanceolata*) A woody climber with beautiful, glossy evergreen foliage which retains its beauty a long time when cut. Rather slow-growing.

PRICE Large tubers \$1.00 each.

AZURE VINE (*Petrea volubilis*) One of the most distinct and beautiful of our tender climbers. Leaves are medium sized, evergreen and harsh to touch. Flowers are star-shaped in two exquisite shades of blue and in long drooping racemes.

PRICE Large vines, \$3.00 each.

BARBADOES GOOSEBERRY (*Pereskia Aculeata*) A climbing cactus with true leaves, thick and oblong and tender green, immense numbers of a creamy white flowers followed by an edible berry something like a gooseberry. Will grow 10 or 15 feet high.

NIGHT-BLOOMING CEREUS (*Hylocerus Tricostatus*) Another cactus of great interest with triangular stems and growing 15 or 20 feet high if trained and tied and bearing at night, immense and very lovely flowers often a foot across of gold in center and purest white rays and fragrant. In hot weather bears all the time. These are followed by a red, edible fruit something like a pear.

PRICE For two, Balled Plants, \$1.50 each, \$15.00 dz.

TUBS AND POTS

WOODEN JAPANESE PLANT TUBS.....90c each
PLANT BOXES, Medium size, \$1.00 each, large size, \$1.50 each. Credit at cost when returned.

BROWN POTTERY, JAPANESE TUBS, 9 in. diameter, 85c each, 11 in. diameter, \$1.50 each.

INDIAN BOWLS, 7 in. diameter, 30c each. 10 in. diameter, 75c each, 12 in. diameter, \$1.50 each, 14 in. diameter, \$2.50 each.

LAUREL WREATHED FLOWER POTS, 8 in. diameter, 40c each, 10 in. diameter, 75c each.

HANGING BASKETS, 7 in. diameter, 35c each, 8 in. diameter, 45c each.

FLOWER POT SAUCERS, 5 in. diameter, 10c each, 6 in. diameter, 15c each, 8 in. diameter, 20c each, 10 in. diameter, 25c each.

FLOWER POTS, 3 in. diameter, 5c each, 4 in. diameter, 8c each, 5 in. diameter, 10c each, 6 in. diameter, 15c each, 8 in. diameter, 25c each, 10 in. diameter, 50c each.

GREEN POTTERY, Vases, 8 in., 65c, 10 in., 90c each.
Jardineres, 7 in. by 7 in., 75c each.
Flat, Bowls, 50c each.
Flower holders, 25c each.

PLANTING CONTRACTS

We take each year a limited number of these three contracts varying slightly with land and other conditions.

1st. PLANTING ONLY For 30c per tree we plant trees bought from us and if water is ready, give first irrigation. Do not care to plant less than an hundred nor at a greater distance than 30 miles. The ground must be put into thoro condition first. Guarantee 100 per cent to bud out.

2nd. PLANTING, TREES AND ONE YEAR'S CARE For \$500.00 per acre, we furnish standard $\frac{5}{8}$ ths caliper citrus trees, windbreak trees, plant and care for one year. You have no expense save water rates and taxes and we guarantee 100 per cent. at end of year. Not less than 2 acres undertaken and not further than 30 miles. Ground must be put into thoro condition first.

3rd SUPERVISION For \$25.00 per acre in ten acre lots of over and for \$30.00 per acre in less than 10 acre lots and a minimum of \$100.00, we supervise all operations for a year and if we get any done, charge cost plus 10 per cent and make two detailed reports of every tree. If directions followed guarantee 100 per cent.

LANDSCAPING, ETC. The charge is \$25.00 per day and for pruning \$2.00 per hour with \$1.00 per hour for helper and transportation.

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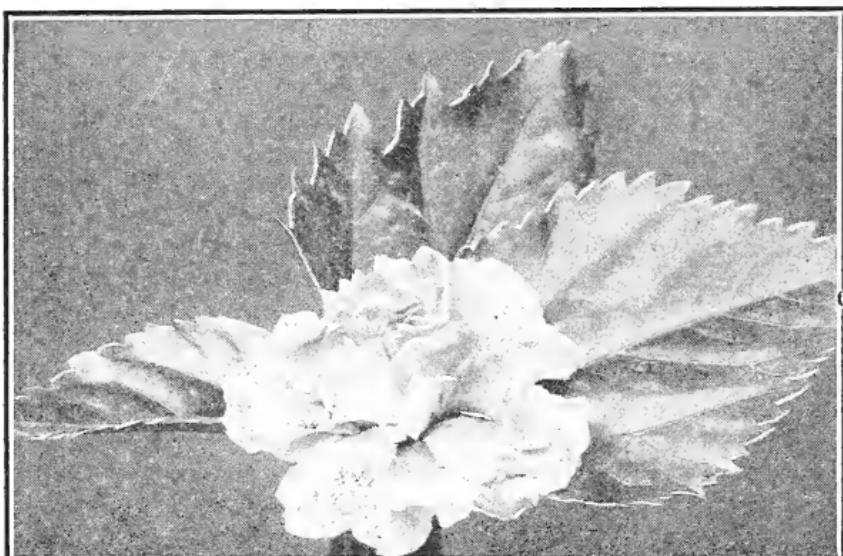
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FLOWERING
SHRUBS
ARE
BEAUTIFUL
IN
GREAT
VARIETY

Turk's Cap

THIS CHARMING PLANT IS COVERED WITH PENDANT LAMPS OF GLOWING RED MOST OF YEAR.



Double Peach Blow Hibiscus, Grown at La Granja
NOTHING EQUALS THE HIBISCUS IN GORGEOUSNESS OF FLOWER
EFFECT. SINGLE AND DOUBLE. MANY COLORS.



DAY BLOOMING

JESSAMINE

FOR
EXQUISITE
FRAGRANCE
GET THE
JESSAMINES
TRY
THE LACEY
CREPE
MYRTLE,
THE
CURIOS
LION'S TAIL,
THE
STATELY
OLEANDER,
THE
CHARMING
PERIWINKLE

How
Citrus
Trees
Thrive
in Rio Grande
Delta

Nine months growth
at La Granja Farm,
Donna, on a Buckeye
extra tree, with 5-year
root and 2-year top.
Large trees cost more
but they are essentially
cheap.



FIRST CLASS, SELECTED BUDS, ORANGE, GRAPE-FRUIT OR LEMON TREES—Three Year Root, One Year Top, $\frac{5}{8}$ to $\frac{3}{4}$ inch Caliper, \$125.00 pr. 100, \$18.00 pr. dz... Five Year Root, Two Year Top, 1 inch or over Caliper, \$250.00 pr. 100, \$35.00 pr. dz.

Above Bare Root, Florida or California Trees.

Below $\frac{5}{8}$ to $\frac{3}{4}$ inch Caliper, \$150.00 pr. 100, \$21.00 pr. dz. 1 inch and over Caliper \$275.00 pr. 100, \$39.00 pr. dz.

PRE-WAR PRICES

Paid	One Cent	Permit No.
Donna	Texas	

The Rio Grande Horticultural Association

*Eltweed Pomeroy President
Donna, Texas.*

